

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A method of conducting an enzyme-catalyzed transesterification or hydrolysis of a phospholipid, comprising

dissolving said enzyme in an aqueous medium containing (i) a liposomal suspension of said phospholipid, a (ii) hydroxyl-containing reagent selected from water, an alcohol or an alcohol derivative, and (iii), when required by the enzyme, a divalent metal cation,

adding silica gel to said medium, and agitating the resulting mixture.

2. (original) The method of claim 1, wherein the enzyme is selected from the group consisting of phospholipase A1, phospholipase A2, phospholipase C, phospholipase D, and a sphingomyelin phosphodiesterase.

3. (original) The method of claim 2, wherein the enzyme is selected from the group consisting of phospholipase A2, phospholipase C, and phospholipase D.

4. (original) The method of claim 3, wherein the enzyme is phospholipase D.

5. (original) The method of claim 4, wherein the divalent metal cation is calcium ion in concentration of about 5-100 mM.

6. (original) The method of claim 1, wherein the hydroxyl-containing reagent is an alcohol or alcohol derivative.

7. (original) The method of claim 6, wherein the hydroxyl-containing reagent is selected from the group consisting of glycerol, serine, and inositol.

8. (original) The method of claim 6, wherein the hydroxyl-containing reagent is a hydroxy-terminated polyethylene glycol having a molecular weight between about 300 and 40,000.

9. (original) The method of claim 1, wherein the silica gel is added in an amount which is at least four times the amount of the phospholipid by weight.

10. (original) The method of claim 9, wherein the silica gel is added in an amount which is at least ten times the amount of the phospholipid by weight.

11. (original) The method of claim 1, wherein the silica gel has a mean particle size no greater than 25 μm .

12. (original) The method of claim 11, wherein the silica gel has a mean particle size no greater than 15 μm .

13. (original) The method of claim 1, wherein the phospholipase is present in said medium at a concentration of at least 3 mg/ml.

14. (original) The method of claim 13, wherein the phospholipase is present in said medium at a concentration of at least 7 mg/ml.

15. (new) A method of conducting an enzyme-catalyzed transesterification or hydrolysis of a phospholipid, comprising

dissolving said enzyme in an aqueous medium containing (i) a liposomal suspension of said phospholipid, and (ii) a hydroxyl-containing reagent selected from water, an alcohol or an alcohol derivative,

adding silica gel to said medium, and agitating the resulting mixture.

16. (new) The method of claim 15, wherein said aqueous medium further contains (iii) a divalent metal cation.